



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

BIBDATASHEET

Bib Data Sheet

CONFIRMATION NO. 3927

SERIAL NUMBER 10/643,756	FILING OR 371(c) DATE 08/18/2003 RULE	CLASS 375	GROUP ART UNIT 2611	ATTORNEY DOCKET NO. 021245-001000US
APPLICANTS James Gardner, San Ramon, CA;				
** CONTINUING DATA *****				
** FOREIGN APPLICATIONS *****				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED** SMALL ENTITY ** ** 12/03/2003				
Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY CA	SHEETS DRAWING 3	TOTAL CLAIMS 19
Verified and Acknowledged Examiner's Signature	Initials	INDEPENDENT CLAIMS 2		
ADDRESS 70797				
TITLE MIMO TCM WITH CONSTELLATION ROTATION AND COORDINATE SWAPPING				
FILING FEE RECEIVED 450	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		